

CONTEXT SENSITIVE DYNAMIC AUTHENTICATION IN A
CRYPTOGRAPHIC SYSTEM

Abstract of the Disclosure

5 A system for performing authentication of a first user to a second user includes
the ability for the first user to submit multiple instances of authentication data which are
evaluated and then used to generate an overall level of confidence in the claimed
identity of the first user. The individual authentication instances are evaluated based
upon: the degree of match between the user provided by the first user during the
authentication and the data provided by the first user during his enrollment; the inherent
10 reliability of the authentication technique being used; the circumstances surrounding the
generation of the authentication data by the first user; and the circumstances
surrounding the generation of the enrollment data by the first user. This confidence
level is compared with a required trust level which is based at least in part upon the
requirements of the second user, and the authentication result is based upon this
15 comparison.

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